

COLOR FILTER AND LIQUID CRYSTAL DISPLAY PROVIDED THEREWITH

ABSTRACT OF THE DISCLOSURE

Disclosed is a color filter which has a flattening layer that functions also as a wavelength converting layer. The wavelength converting layer converts that portion of light incident to the color filter layer which is in the near ultraviolet region into light having a wavelength longer than the blue region. Thus the red, green, and blue filter segments are improved in light transmittance. In this way it is possible to realize a color filter and a liquid crystal display unit having a high light transmittance and good display characteristics.

PA 3172876 v1